Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 28 Jul 2022 until 23:59 on Friday 29 Jul 2022

Forecast Issued on Wednesday 27 Jul 2022 at 15:34

Confidence: High for a pattern of changeable conditions, giving a mix of outbreaks of rain and drier, brighter periods.

Headline for Thursday 28 Jul 2022: Showers at first. Drier and brighter later.

Mountain weather hazards on Thursday 28 Jul 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers	Heavy rain showers	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
40%	20%	20%	10%	00%	00%	00%	10%

Forecast for Thursday 28 Jul 2022

Weather: Cloudy, with scattered, occasionally heavy showers moving north through the early hours, with these dying out towards dawn. Then a mainly day afternoon with some brighter spells and the risk of an isolated shower. Remaining dry into the evening.

Chance of cloud-free hill tops above 600m: 70% becoming greater than 90% through the morning.

Low cloud and visibility: Some bases around 400m on some of the tops at first but this soon lifting above the hills. Moderate or poor in the rain, otherwise good or very good visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 28 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SE	13/20 SE	13/19 SE	11/16 SE	11/16 SE	12/16 E	9/13 E	14/22 SE	14/23 SE
300	7/13 SE	11/19 SE	9/17 SE	8/13 SE	9/14 SE	8/13 E	6/11 E	11/20 E	12/22 SE
Valley	4/11 SE	6/14 SE	6/13 E	7/14 E	8/15 SE	6/14 E	7/14 E	8/18 E	9/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	12/10	12/10	12/10	13/11	14/12	15/13	13/11	12/10
300	15/14	14/12	14/12	14/13	16/14	17/16	17/16	16/13	14/12
Valley	15/15	14/13	14/13	15/14	17/16	18/17	17/16	16/14	15/14
Freezing Level*	2500m	2400m	2400m	2400m	2500m	2500m	2500m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early showers could leave slippery surfaces, even when drier conditions develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 27 Jul 2022	0mm	7.8mm	19.4mm

Forecast for Friday 29 Jul 2022

Weather: A bright day with a mixture of sunny spells and scattered showers. Becoming drier and brighter into the evening, but with strengthening winds developing ahead of outbreaks of rain overnight.

Maximum wind: 15-20 mph.

Chance of cloud-free hill tops above 600m: Greater than 90% throughout, perhaps falling to 40% in the west later in the evening.

Low cloud and visibility: Above the tops through much of the day, with only a moderate reduction is visibility due to any isolated showers. Bases down to around 400m, as cloud pushes into the west later, with some moderate visibility possible in the rain.

Temperature: **Valleys:** 14 Celsius becoming 20 Celsius.
At 600m: 12 Celsius becoming 17 Celsius.
Freezing level: Above the summits.

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